The Long Island FISHERMAN

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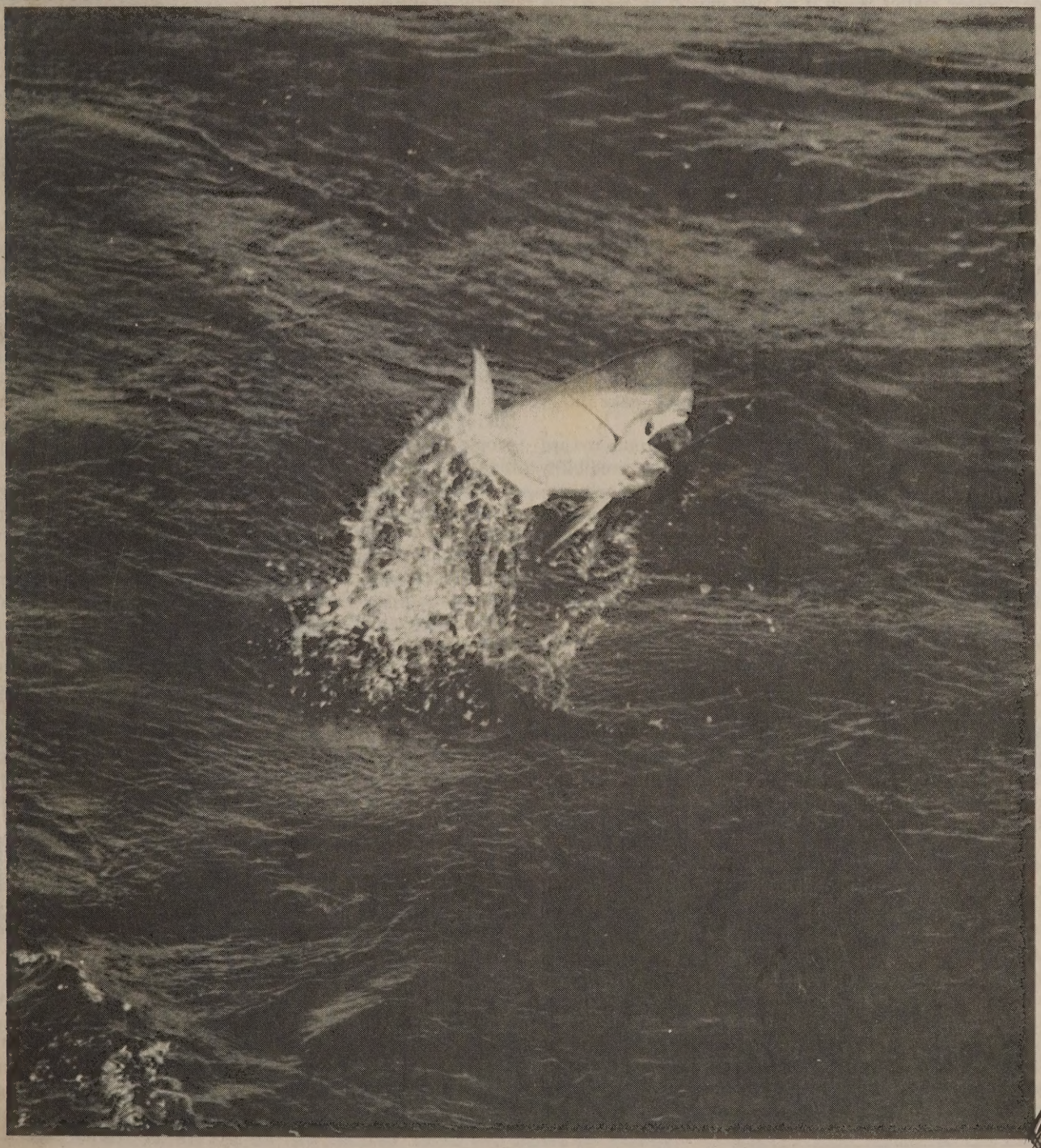
JANUARY 24th, 1974, ISSUE No. 4



The Energy Crisis and the Angler Part II

by Al Ristori

The only short-term hope for the United States is a quick and permanent Middle East settlement. While this will take care of our immediate problems, the long range situation is quite another matter. Even if we can import all the oil we need in the future, increasing energy usage will make our balance-of-payments situation critical. We must develop other energy sources, and make optimum use of those still available but hard to get at. This will mean large expenditures on research and much higher prices for fuel, in order to make it a more profitable venture to deep-mine coal, use tertiary methods of recovering oil, extract oil from shale, pursue the process of gasification of coal, etc.

It will also mean that those of us who consider ourselves environmentalists will have to adjust our basic commitments in relation to a new set of parameters. When the situation was a matter of a better environment versus higher costs, the decision was easily made. Now, when it's a question of whether we'll be able to use our cars, heat our homes, or even retain our jobs, some agonizing compromises will surely be necessary. Hopefully, environmental progress will not go by the boards in the desperate attempt to get through this crisis, but stubborn resistance to any change will only make things worse by creating an environmental backlash.

Environmentalists must adopt reasonable attitudes toward energy sources and production or risk losing credibility before the general public. An example of such a positive attitude is the stand taken by the Striped Bass Fund in relation to the Con Ed power plants on the Hudson River. The Fund doesn't oppose the construction of the power plants per se, but rather the lack of cooling towers which could prevent destruction of one of the Atlantic coast's major striped bass spawning grounds.

Whether we like it or not, we'll soon have to face up to the offshore drilling problem. I've always opposed this, since supplies were adequate and the environmental risks significant. There was no question in my mind that it would come eventually but, by putting off the day of reckoning, I hoped that stronger environmental safeguards would be available when drilling started. (And the oil companies have made significant advances of this field.)

However, reality dictates another course at this time. In Louisiana, the citizens are up in arms because industries are being forced to cut back while local fuel is being shipped to the energy-starved east. They ask, "Why should we take all the environmental risks while the northeast preserves its pristine shores and yet demands our fuel?" I'm afraid there's no fair answer to that question. We'll have to make sacrifices ourselves, and our efforts would be best directed to insisting on the most advanced environmental safeguards.

On a very direct basis, you, the angler, will be severely affected by the energy crisis. As good citizens we all expect to do our part in assuming the burden of the present energy gap. However, the sad fact of the matter is that fuel allocations will not be based on any equitable standard, due to lack of organization.

Though the House and Senate haven't yet agreed on an emergency energy bill, it's likely that the final version will turn over almost unlimited power to the Executive branch. In view of all the rhetoric we've been exposed to lately about the Executive stealing power from Congress, this is a rather interesting turn of events. It seems that most congressmen would rather blame a bunch of administrators for their constituents' problems during the crisis, rather than making the tough decisions themselves.

Recent estimates indicate that recreational boating accounts for only one half of one percent of the nation's total fuel consumption. This would amount to about a half-tankful of gas for each car in the country. Obviously, destroying recreational boating won't solve the energy crisis. It will, on the other hand, severely affect the country's morale and result in massive unemployment in all the industries dependent upon boating.

At present, the Federal Energy Office has promised not to discriminate against the boating industry in allocations. However, this won't mean a thing if rationing advocates have their way. Even if your marina has the fuel, it won't do you any good if you've got to use your meager allotment (they're talking about 32-35 gallons per month) in your car. The few people with excess tickets will be scalping them at prices so high that only the wealthy will be able to afford them.

The only hope for fishermen is organization. Fortunately, an organization created to lobby for all American fishermen was formed in 1973, and will soon be representing your interests in Washington. The American League of Anglers has the backing of such groups as Trout Unlimited, Federation of Fly Fishermen, B.A.S.S., Striped Bass Fund and Emergency Committee To Save America's Marine Resources. For too long, the country's 50,000,000 fishermen have gone virtually unrepresented in Washington, and the state of the fisheries clearly shows the results of that neglect.

The next Director's meeting of ALA was held on January 17 in Washington; I hope to soon have details of their energy crisis plan. The League will shortly be going "public," and enlightened self-interest would indicate that each and every one of you should join in the effort to save our sport. We're the only ones who can.

News Releases

ACTION'S ANNUAL MEETING

...on January 25, 1974, at 8:30 p.m. at the Cold Spring Harbor Lab., Bungtown Road & Route 25A in Laurel Hollow

Here is your opportunity to learn about The Energy Crisis from two professors, Lawrence Rocks and Richard P. Runyon, of C.W. Post College, who wrote the book about it four years before our public officials recognized the coming crisis. Time will be allowed for questions after the discussion

(Continued on page 7.)

The Long Island FISHERMAN

THE ONLY WEEKLY GUIDE FOR FISHERMEN IN THE N.Y. AREA

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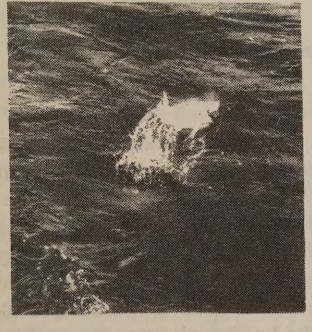

ABOUT THE COVER: A dolphin breaks water as he attempts to throw the hook. See Don Vetter's article about "Dolphin" fishing in next week's L.I.F. Photo courtesy of Walkers Cay Club Ltd.

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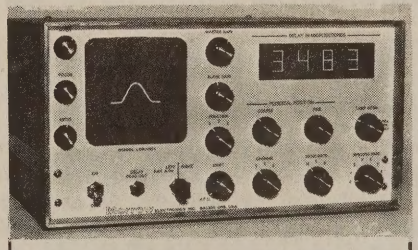

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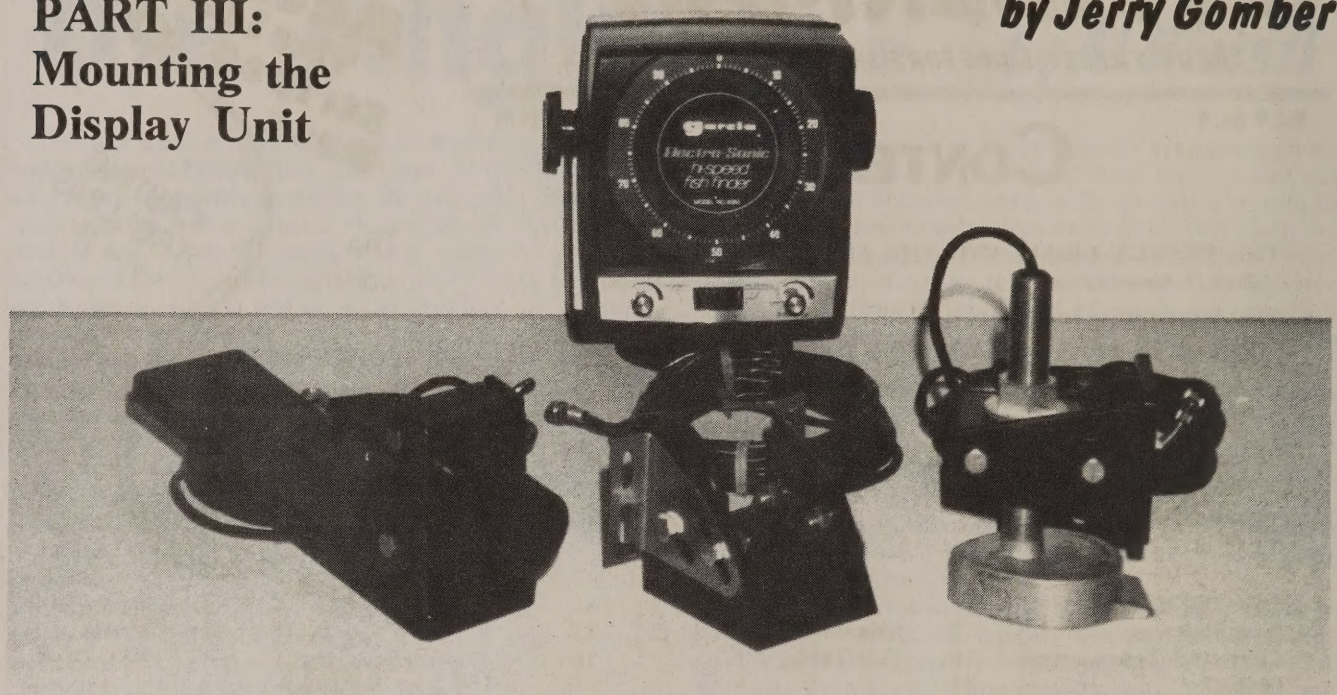
The Fisherman's Sonar:

PART III: Mounting the Display Unit

by Jerry Gomber



The fish/depth flasher, brackets, power wire and transducers

Now that the fisherman's sonar is receiving such wide acceptance, more and more of these devices are being purchased for use on smaller sportfishing craft. Proper installation of this equipment is extremely important and can spell the difference between a valuable fishing aid and a constant source of aggravation.

Most of these devices consist of a display unit with its mounting bracket, a power cord, and a transducer with its twenty-or-so feet of cable. Some units, however, are sold with the mounting bracket as an accessory (that's like Detroit selling wheels as accessories). This bracket is the part that is permanently attached to the boat; its placement depends on the type craft involved—center-console, cabin, or convertible.

The center-console boat presents the most limited number of mounting points, but, by design, this boat presents one of the best — the console. This centrally located control point is usually constructed as a narrow, flat shelf behind the windshield with a broad, angled surface facing the operator. The shelf is an ideal place to install the display unit but the depth of this shelf varies from boat to boat. If it is found to be too narrow, a wedge-shaped piece of wood (preferably teak) can be used to extend the shelf and provide a solid base for the mounting bracket. Glue or bolt the wedge to the console independent of the bracket.

The convertible boat with its windshield and dashboard-type instrument panel provides a greater number of mounting points. The shelf behind the windshield, the dashboard face or even beneath the dash are just some of the possibilities.

Cabin craft offer all of these, as well as the possibility of bulkhead-mounting the display beside or in front of the control point. On hardtop cabin boats, the box can be hung from the overhead, where it will occupy otherwise unused space. If the boat is so equipped, the flying bridge control station can also be used; the advantage of installing the display here is, of course, the greater visibility afforded the helmsman: at this height he can observe the surface activity around the boat as well as studying what is passing beneath the hull.

Another option offered by all types of boats is right in the cockpit itself. The display can be hung under the gunn'l or clamped on top of a seat or engine cover; the fisherman can tend to his tackle and read the display without moving.

Of course, some boats will require special adaptations to install electronics, so don't be afraid to experiment. But, before you do any drilling or chopping, consider the following points:

Be sure the display is easily visible from the control point. You should have to shift your eyes, only, from your course to the display and back. No gymnastic miracles should be necessary: a day of this activity and you'll go back to the jetties for good. Most units have pivot and tilt features built into the bracket. These features allow the unit to be turned to face the fisherman anywhere in the boat. Everyone in the cockpit should be able to merely glance at the display to check for fish readings. When jigging for blues, it's comforting to know the school is at exactly forty feet rather

than relying on, "Hey, they're about forty feet!" which could be thirty-five, or even fifty. When you are ten feet above the school, that "about" is of no help.

Most of these units are water-resistant by design, with either the case sections overlapping or a built-in rubber seal around the edges. Flying spray can find its way into anything, and changes in temperature or barometric pressure can cause moisture to be forced into the case. Using foul weather covers and installing the display low behind a windshield or other protection can keep the unit dry and, even more important, can keep salt away from exposed metal fittings. Contrary to manufacturers' claims, nothing is corrosion-proof in a salt water environment.

Sturdy as they are, these units must be protected from physical damage too. Make sure the box is not mounted where it can become a convenient hand-hold. On a tossing boat, people tend to grab whatever is within reach regardless of how well-secured it may be. To cut down on the possibility of this type of damage, set the mount back away from shelf edges where it can't be bumped or leaned on. I've seen faceplates cracked and mounts bent by someone who accidentally lost his balance for just an instant.

Once the mount location has been chosen, make a thorough examination of the other side of the mounting surface. Be positive there are no wires, tanks, cables or hoses there to be damaged by the drill. Also be certain that you can get in there to work to tighten nuts and install wiring.

If you intend to mount the display in one fixed position, simply use the bracket as a hole template and drill at least two holes through the mounting surface. If the shelf or bulkhead is weak or unsupported, install a reinforcing block of ¼"-thick marine plywood behind the surface. This block should extend at least 1½" beyond each side of the bracket base to provide proper backing support.

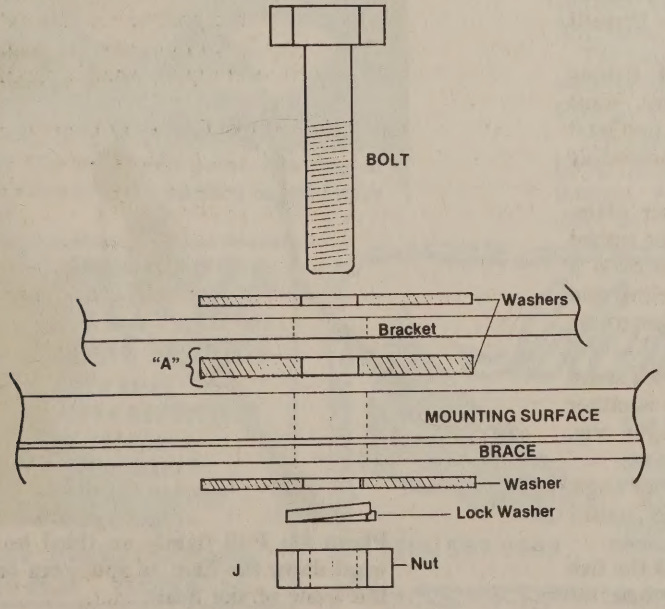
The pre-drilled holes in the bracket can be used to determine the correct bolt size. Stainless steel, marine bronze, or monel hardware (which is expensive) should be used to cut down on corrosion. Caulking compound or silicone rubber sealer should be used around bolt holes to prevent leaks and rot.

A simple pivot mount can be constructed of a single bolt, three or four flat washers and a nut and lock washer. If the bracket has no pre-drilled center hole you can drill one of ¼ or 5/16th-inch. A bolt of that diameter, long enough to pass through the bracket, mounting surface and reinforcement, and extend about an inch beyond, will serve as the pivot (see diagram #1).

The order of assembly is: bolt, one flat washer, mounting bracket, one or two flat

(Continued on page 13.)

DIAGRAM #1
Cross-section of pivot mount for display unit.



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How to Make That Old Standby—
THE BUCKTAIL

by Dick Mermon

Part II

Tying hair onto a single, weighted hook is a little more difficult. Where the treble hook has flat surfaces to lay the hair on, the single shank has to be held tighter by hand at first. The start is the same up to the point of placing the hair onto the hook for the first tie.

The hair is not placed on the shank as before, but on the back of the lead head where a space is provided. The winding thread is attached to this area and again secured by two or three half hitches.

Take a batch of hair (which should be a little larger than the other two cut) and lightly tie it to the back of the lead head (photo #7). Now go through the same steps for the next two bunches of hair and put two half hitches on it, lightly once again, but enough to secure it. Spread the hair evenly around the lead head and start winding the bucktail from the back of the lead head towards the front, in the indentation where the hair is supposed to be placed and tied.

This time, caution must be taken to not wind too tightly at first. Just enough tension should be used so as not to flare the bucktail too much (photo #8). The tension is put on the winding as it gets close to the head. Three winds, pull tight; three winds, pull tight again. Here is where the cut ends of the hair will flare up; pay no mind because as you wind towards the eye the flare will be wound down. Go through the same procedure for ending the tie and cut off all excess bucktail that is covering the head of the jig.

Once again, dip it in the lacquer and let dry (photo #9). This time dip it into the paint three times, letting it dry thoroughly after each dip. Make sure that the paint goes behind the lead head and seeps into the hair (photo #10). After the paint dries, a small strip of tape foil can be wrapped around the winding threads. This helps keep the threads from being chewed by sharp teeth.

Every fisherman has his or her own way of fishing bucktails. Some work the top with a fast retrieve, some work the bottom with a slow. Others cast up-current and let it bounce along the bottom. I prefer fishing the lure according to the conditions and type of fish sought.

Down south, I use a three-ounce bucktail, either plain, with a strip or whole ballyhoo, large rubber worm, or tipped with a piece of shrimp. I locate a reef or wreck and drop it down to the bottom (100 to 300 feet), then start reeling and jigging upwards. Everything eats these lures, and I mean eats them.

On the flats I use small, light bucktails tipped with small pieces of shrimp to give them smell. Here the lure is either retrieved in a bumping motion or in a slow straight one, depending on the grass or type of flat.

In the north, I cast the bucktail up and slightly at an angle to the current, and retrieve it in several different ways, until I find the right one that produces.

It often makes no differene how it is retrieved when the fish are boiling the surface. They'll hit this fuzzhead lure, no

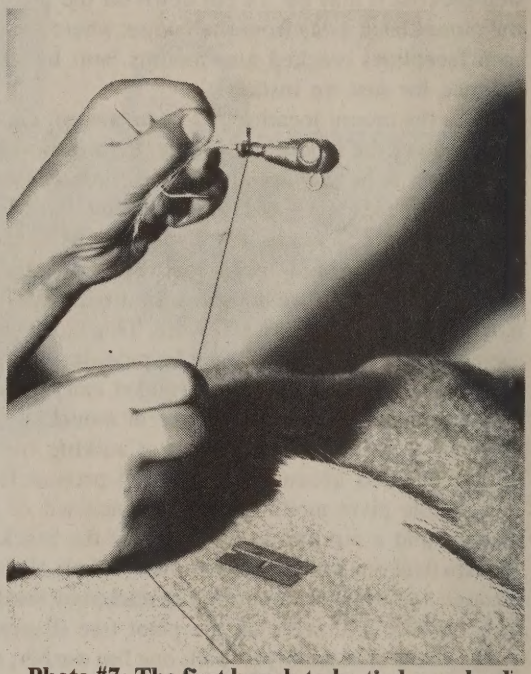

Photo #7: The first bunch to be tied on a lead head jig.

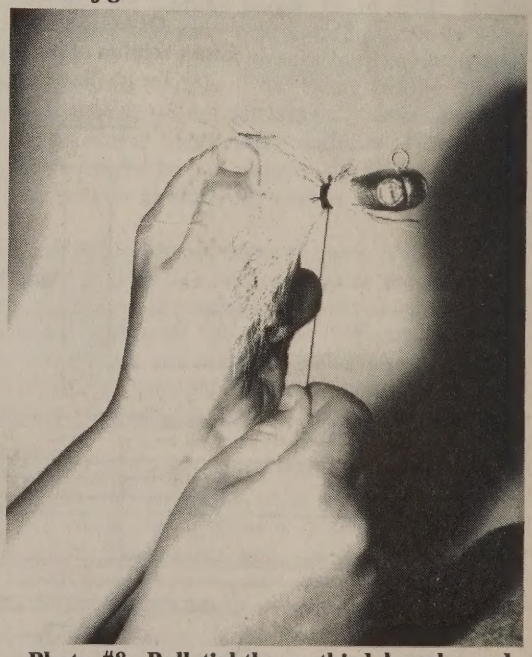

Photo #8: Pull tightly on third bunch, and wind down the flare as you wrap forward to the front of the head.

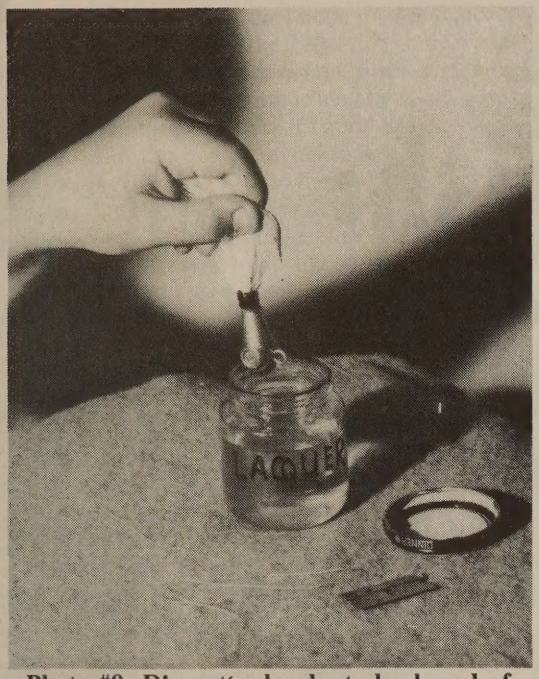

Photo #9: Dip entire head—to hook end of wrap—in clear lacquer.

Photo #10: Dip in lacquer paint, allowing to dry between two or three applied coats. Cover that wrap!

matter what, when they go into this type of feed. In fact, they will hit anything thrown at them.

One small change that may make a difference in the action of the bucktail is a piece or strip of pork rind on the hook. This white strip of rind gives the lure a little bit more action with a wiggle to it as it comes through the water.

For the fishermen who troll, the bucktail is "all the way." It can be trolled at either a steady pace or slowed down and jigged. The most popular method of trolling the bucktail is with wire line. This type of fishing is very effective when the fish are at the bottom and the lure has to be bounced off or near it. Wire line is used to bring the lure down deep to the level required. Attached to it is 10 to 15 feet of 60 to 80 pound test mono, then the bucktail is attached to this leader. With this set up the lure can work freely and without the stiffness of the wire.

One of the newer types of bucktails has shown good results on finicky stripers at Montauk Point. It is called the umbrella bucktail. The hair is put on it in reverse, so that it has an open and closing motion like an umbrella when worked through the water.

Even fresh water fishermen use this hair lure. Streamer flies (which salt water fly fishermen use also) are a favorite on many streams, lakes and ponds. Even the ultra-light spinning bucktails, bounced along the bottom of streams, produce large trout, bass, pike and pickerel.

When nothing else produces fish, remember the "ol' stand-by", the bucktail. Better still, use it first; you may not have to change or try any other lure.

NEWS RELEASES

(Continued from page 2.)

and this meeting is open to the public so please bring your friends.

The Energy Crisis, Crown Publishers, Inc., is available in paperback and you may wish to read it before coming to the meeting. For futher information, call (516) 271-3029.

SOBA CO-SPONSORS MARINE SCIENCE PROGRAM

A "Marine Science" program is being held at Seaford High School auditorium on Wednesday night, January 30, 1974, (8:30 p.m.), with Dr. John C. Baiardi, Director and President of the N.Y. Ocean Science Laboratory at Montauk, as guest speaker. The program, student oriented, will feature slides of marine life that surround Long Island, with musical interludes from student participants.

The Save Our Bays Assn. of L.I. is co-sponsoring this event with the Seaford H.S. Ecology Club and the MacArthur H.S. Ecology Club.

It is open to the public, and those who share a concern for Long Island's marine environment will find this program of interest. For further information call George H. Wilde — (516) SU 5-3139.

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Save Your Tackle and Keep Your Fish: Part II

by Mickey Chiarenza

When testing your complete outfit, I do not suggest that you hang a lure on a planted nail and heave as hard as you can; this proves nothing except to prove how well your nail has been hammered in. The fairest way to test is to attach a lure to your line via a snap swivel or, with very small lures, tie the lure directly to your line.

Some snap swivel combinations are almost as big as the lure itself, and not only does this spoil the illusion for the artificial bait, it also keeps the lure from working at its very best. Now, with your terminal gear properly rigged to your line and rod, attach the lure firmly to something that won't let go. As if you were fighting a fish, apply pressure in all different directions, and use as much as you dare to.

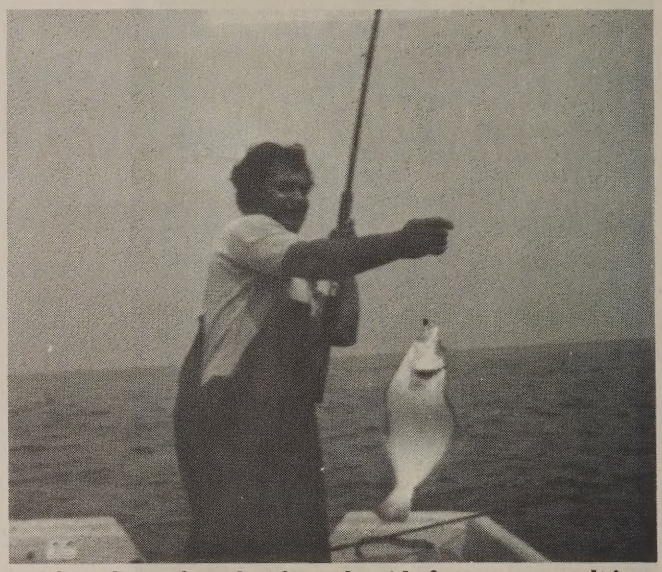
This is really an excellent excercise to test everything you're using. You can observe by this test how easily the drag will allow line to back off when held at forty five degrees or so, and how much more strain there is on the line, hardware and rod when the rod is taken to more sharp angles. You can adjust your drag now to the stress point of what your lure hooks can take without bending. You may discover with this test that your knot is not as good as you thought it was, or your drag not so smooth running. Better to know in advance what your tackle can take before using it to tame wild creatures.

Now that we are fairly certain that our tackle has what it takes we will learn that out on the water there are about a trillion ways to reduce our tackle to useless junk or make it disappear for good. Here is an example of how good sturdy tackle was a total disaster to one angler I witnessed on Long Island Sound last season.

While trolling over a rocky area one of my lines became fouled on the rocks below, so I turned my boat around and ran up on my line. Just as I was reeling in slack line another boat passed close by. I noticed one angler sitting and holding his rod while the navigator steered the boat. The rod was in a holder on the opposite side of the seated angler, who appeared to be dozing. The rod suddenly bent sharply, and bent to an extreme, unnoticed by the two men. It broke loose from the boat, rod holder and all, and shot into the water astern of the boat. Strong tackle? yes, but a not so strong rod holder, and why didn't his drag sound off?

If it was set, he forgot about the sharp angle that the rod holder was bolted on at, and when his rod was placed into it, the rod stood straight up at a ninety degree angle. The drag must be loosened more than the usual setting for fighting fish when it is set down, and the clicking rachet set to alert the angler. In this situation it was probably a rock that snagged the hapless angler's lure, but suppose, and it could have been, a really big fish had hit the lure? The same may be said for leaving a rod in a sand spike.

I have watched anglers, or people pretending to be anglers, out on the water for a number of years and must admit that on a crowded waterway there are incidents that occur that can only be compared to a three ring circus. Very recently,



Lifting fluke aboard without the aid of a net can result in the loss of the fish.

while enjoying an action packed bluefish trolling trip, a small sailboat appeared just off our stern and heading in the same direction as our troll. My companion's lure got a hit and he struck back at a good fish, which he held tight for a few moments as the blue tried to make a frantic effort to escape. The blue appeared to be firmly hooked, and I reduced boat speed so that the angler could enjoy reeling in the blue without extra effort.

At this point the fish decided to skyrocket to the surface and broke water, coming up just feet abeam of the sailboat off our stern. The crew on the sailboat noticed the bluefish crashing about on the surface as one man pointed at it and the others peered into the water. We laughed at this until we took a second look. Now they were trying to gaff our fish! The blue cartwheeled and a large plastic eel lure could be seen dangling from his jaw as he crashed down and a gaff whizzed passed his tail in a ridiculous effort.

"Hey!, that's our fish!" we shouted. The men looked up and were very surprised to notice that were fishing, and indeed engaged in fighting a fish. Embarassing looks crossed their faces as they waved back, now understanding the situation. What did they think we were doing out there? On second thought, what would they be doing with a gaff? In all probability it was, or must have been, a boat hook, and what did they expect to do with that?

The fish was fought to within twelve feet of the boat and, as fish will do when they get close to the boat, attempted another effort to escape. This should be anticipated, for many fish have been lost at this moment when victory is in sight. He took some line for the last time, the rod was pumped and line reeled in on the downsweep until he was

alongside. With a small gaff hook on a five foot broomstick, I stood at the ready for the blue to get near the surface, as trying to gaff a fish underwater from a moving boat is not very successful. The motion is usually spotted by the fish, and it will cause him to dash off once again. Keeping the gaff concealed in the boat, I struck out when the time was right and caught the blue. I lifted him in the boat with the gaff and lowered him into a large plastic pail where he thrashed around without doing injury to himself or anyone else. Taking hold of the fish on that section of hard cartilage just under the gills, I extracted the hook with a pair of pliers. Although the fish was just seven or eight pounds and the terminal tackle certainly adequate to the task, we dared not try to lift the fish into the boat; if he were just slightly hooked through the lip, his own weight would have been enough to pull free.

We generally do lift smaller fish in, sparing the gaff, but we do lose our share from lightly hooked fish. Nets should never be used on bluefish as they can tear them to shreds in short order, ensnarling their teeth in the mesh. Time is wasted in separating the two, not to mention the tangle to be cleared from the lure hooks as well. Besides, to net a fish the boat must be stopped, and a net is easier for a fish to see.

I carry two gaffs, one for bluefish and a larger hook with a three inch bite for the occasional large bass. I'm so particular about boating fish properly that I will carry my set of gaffs with me when invited out on someone else's boat. I have seen many a good fish get away at the critical moment of taking him aboard, and I have watched anglers (?) winch a fish up to the tip top of their rods and attempt to lift the fish in with the tender rod tip!

I listened in awe a few years back to Don Miller as he told me of a man who tried to lift a heavy cow bass from the water before someone could get to him with a gaff, and how he watched the wire of a perfectly good snap swivel "unwind" before his very eyes. All was lost, an expensive lure and the trophy striper.

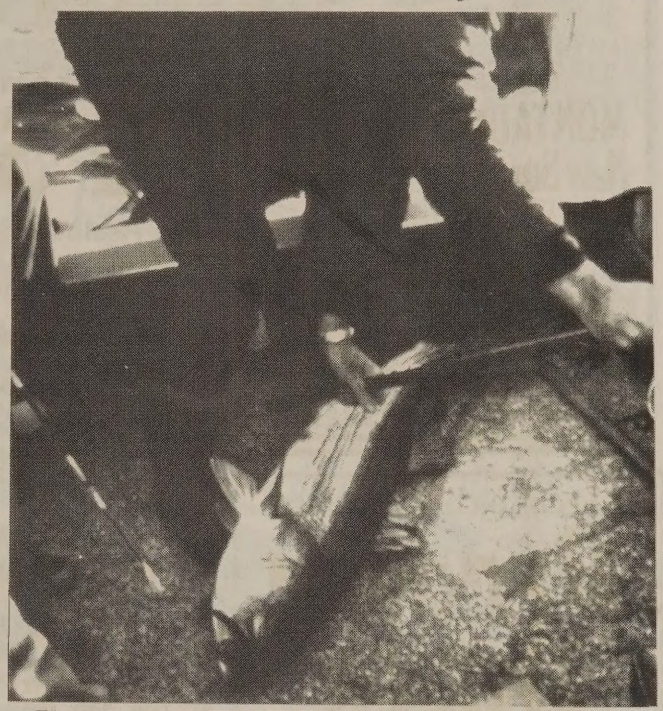
Don also mentioned another large fish lost when an angler he had aboard panicked when the striper made a fast run and pulled off a length of wire from the angler's reel. In an effort to do something, the angler put his reel in free spool. The wire line that had been wound tightly onto the spool exploded into a hundred loops and jammed. The big bass, still with plenty of steam, made another attempt to pull free, and did so very easily by straightening out the hook due to the tight, ungiving line.

Nets have their place in a boat and even from a pier, especially when fluke are the game. Fluke and other fish in the flatfish family have a technique all their own in trying to escape from a hook. They can quiver and shake their long flat bodies in such a way that they can shake loose a hook very easily; this happens very often when the battle comes to the surface and the fish makes a last and frantic effort to escape.

Lifting a fluke out of the water without the aid of a gaff or net can often result with the fish going free. Large doormats can be successfully gaffed but smaller fish, say under six pounds, must be netted as the gaff will lift the fish up rather than penetrate easily unless, of course, the gaff is extremely sharp, and is brought up under the fish with a "snap." When there is enough weight to the fish to make good penetration with a gaff hook, and even with a heavier fish, it takes a fast swing and a sharp point. Never forget to keep that point sharp, and use a net for smaller fish.

A net can also be advantageous to a lone angler fishing from a boat at night: when limited visibility makes gaffing difficult a net can be used from an anchored boat for fish such as school stripers, especially when spinning tackle is employed. However, snarled plug hooks will have to be put up with, unles the fish are taking a lure with single hooks.

A persuader, or club with a lead core, is very beneficial in quieting a large fish. Extracting a hook from a wild fish is impossible and the tail slashings of a large fish can do much damage. Tackle boxes have been flung overboard, rods broken and lure hooks thrust about in a dangerous manner. One or two firm clouts to the head will subdue the creature long enough to remove the hook. Night bassmen use this procedure to keep fish from pounding down on the deck and spooking other fish with the noise.



Big stripers must be gaffed, and sometimes two gaffs are used.

One last item is needed to keep those expensive rod and reel outfits not in use in a boat out of the way and, if possible, on bulkhead racks. Stepping on a good rod can mess up some good equipment and nullify the painstaking care it took to wrap the guides on. I should listen to my own writing: the guides on my own spin rods look like pretzels.

Tight lines, but set the drag!

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TWO STRIPED BASS TOURNAMENTS ANNOUNCED

Fred Johnson, President of All-American Bass Casters, announced two Saltwater Striped Bass Tournaments, one for the Surf Fisherman and one for the Boat Fisherman. Both of these tournaments will carry cash awards of $1,600.00 plus the Miller High Life Cup Trophy, to the winners.

May 19th: The New Jersey Striped Bass Invitational Tournament for the Surf Fishermen will be held at Seaside Park N.J. Tournament Headquarters will be at the Windjammer Motor Inn at Seaside Park.

June 9th: The Cape Cod Striped Bass Invitational for the Boat Fishermen will be held at Falmouth, Mass. Tournament Headquarters will be at the Sheraton Inn — Falmouth.

Entry applications are available at many of the tackle shops in New England, New York and New Jersey areas, or can be had by writing to the club headquarters at 6 Churchill Road, Chelmsford, Mass. 01824.

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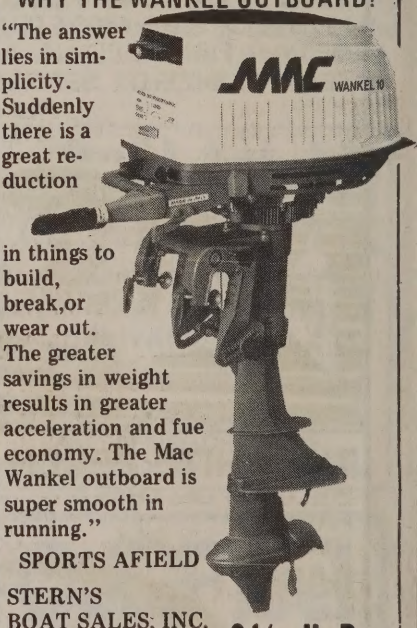

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(Continued from page 13.)

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(To be concluded next week.)

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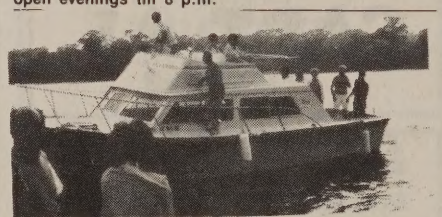

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The Original Knight
SOLUNAR TABLES
When To Fish
Or Hunt

The schedule of solunar periods for the following week as printed below has been taken from the original Knight Solunar Tables. Plan your day so that you will be fishing good territory, hunting good cover during these times if you wish to find the best sport that each has to offer. The tables are not a guarantee that you will catch fish or see game during the period, however.

The major periods begin at the time shown and last for an hour and a half or two hours thereafter, and are in black face type. The minor periods are somewhat shorter in duration.

Thurs.	5:50	**12:05**	6:20	**12:30**
Fri.	6:40	**12:50**	7:05	**1:15**
Sat.	7:30	**1:40**	7:50	**2:00**
Sun.	8:15	**2:25**	8:35	**2:45**
Mon.	9:00	**3:10**	9:20	**3:35**
Tues.	9:50	**4:00**	10:10	**4:25**
Weds.	10:40	**4:50**	11:00	**5:15**
Thurs.	11:30	**5:45**	11:55	**6:10**

TIDE TABLES

	SANDY HOOK		NEW LONDON		WILLETS POINT		BRIDGE-PORT	
	AM	PM	AM	PM	AM	PM	AM	PM
THURSDAY	9:13	9:33	10:41	11:11	12:48	12:38	12:31	12:44
FRIDAY	9:48	10:09	11:17	11:46	1:01	1:03	1:07	1:22
SATURDAY	10:23	10:42	11:53		1:26	1:37	1:44	1:59
SUNDAY	11:00	11:19	12:25	12:31	1:59	2:16	2:21	2:37
MONDAY	11:37		1:04	1:14	2:40	2:59	2:59	3:19
TUESDAY	12:01	12:21	1:48	2:01	3:22	3:45	3:41	4:05
WEDNESDAY	12:50	1:10	2:35	2:56	4:10	4:37	4:31	4:59
THURSDAY	1:43	2:09	3:33	3:59	5:03	5:33	5:27	5:59

on SANDY HOOK

SHINNECOCK INLET	−0	50
Shinnecock Bay	+1	25
East Quogue	+2	45
Shinnecock Canal	+1	18
Indian Reservation	+3	05
MORICHES INLET	−0	56
Smith's Point	+3	28
Harts Cove	+1	30
Potunck Point	+3	35
Mastic Beach	+3	28
FIRE ISLAND INLET	−0	38
(Inlet,Breakwater & Dem. Pt.)	−0	38
Coast Guard Station	−0	19
Fire Island Light	+0	47
GREAT SOUTH BAY		
Sayville (Brown Creek)	+3	39
Heckscher State Park	+3	20
Bay Shore	+2	23
Babylon	+2	12
Amityville	+2	21
JONES INLET	−0	19
Loop Parkway Bridge	+0	25
Zachs Bay	+1	25
Seaford Harbor	+2	05
Freeport Creek	+0	34
EAST ROCKAWAY INLET	−0	06
Long Beach Bridge	+0	19
ROCKAWAY INLET	+0	00
Beach Channel (Bridge)	+0	38
JFK Airport	+0	26
STATEN ISLAND	+0	27
MANASQUAN	−0	12

on NEW LONDON

Orient Point	+0	27
Connecticut River	+1	10
Little Gull Island (Race)	+0	12
Greenport	+1	04
Southold	+1	43
New Suffolk	+2	26
South Jamesport	+2	32
Shinnecock Canal	+2	33
Noyack Bay	+2	05
Sag Harbor	+0	59
Gardiners Bay	+0	21
Promised Land (Napeague)	−0	14
Fort Pond Bay	−0	29
Montauk Inlet	−0	25
Montauk Point	−1	13

on WILLETS POINT

Little Neck Bay	−0	10
Execution Light	−0	06
Manhasset Bay	−0	01
Hempstead Harbor	−0	11
City Island	−0	03
Rye Beach	−0	28

on BRIDGEPORT

Lloyd Point	+0	08
Cold Spring Harbor	+0	08
Bayville Bridge	+0	13
Eatons Neck Point	+0	03
Northport Bay	+0	03
Norwalk Islands	+0	10
Smithtown Bay	−0	03
Cranes Neck Point	+0	05
Port Jefferson Harbor	+0	03
New Haven Harbor	+0	08
Mount Sinai Harbor	−0	08
Herod Point	−0	07
Mattituck Inlet	+0	19
Horton Point	−0	20
Truman Beach	−0	42

PHASES OF THE MOON

1/31 1/3 1/10 1/16

HOW TO USE TIDE TABLES

To compute the high tide for the area you wish to fish, simply find the closest area on the conversion tables. Add or subtract the hours and/or minutes as indicated from that areas station above. Example: "Shinnecock Inlet —0 50" is listed under "on Sandy Hook". — 0 50 means you subtract 50 ...e times given for the ...STATION for the day ...ishing. For low tide, ...o this figure.

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